

US00D515093S

(12) **United States Design Patent** (10) **Patent No.:** **US D515,093 S**  
**Hawkins et al.** (45) **Date of Patent:** **\*\* Feb. 14, 2006**

(54) **KEYBOARD FOR HANDHELD DEVICE**

D320,598 S \* 10/1991 Auerbach et al. .... D26/65  
5,067,164 A 11/1991 Denker et al.

(75) Inventors: **Jeffrey C. Hawkins**, Atherton, CA (US); **Peter N. Skillman**, San Carlos, CA (US); **Phillip Hobson**, Menlo Park, CA (US); **David Hoenig**, Los Gatos, CA (US); **Cathal Loughnane**, Bray (IE)

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 0149762 A1 7/1986

**OTHER PUBLICATIONS**

Toshiba Computer Systems Group, May 28, 2002, [online] [Retrieved on Feb. 13, 2004] Retrieved from the Internet <URL:http://web.archive.org/web/20020810192035/www.csd.toshiba.com/cgi-bin/tais/pc/pc\_pro . . . >.

Toshiba Computer Systems Group: Pocket PC e570, Jul. 7, 2001, [online] [Retrieved on Feb. 13, 2004] Retrieved from the Internet <URL:http://web.archive.org/web/20020218174338/www.csd.toshiba.com/pda/features.html>.

Hewlett Packard, Products and services, Nov. 11, 2001, [online] [Retrieved on Feb. 13, 2004] Retrieved from the Internet <URL:http://web.archive.org/web/20021110023916/www.hp.com/Redirect/gw/useng\_welcome/p . . . >.

(Continued)

*Primary Examiner*—Freda S. Nunn

(74) *Attorney, Agent, or Firm*—Fenwick & West LLP

(57) **CLAIM**

The ornamental design for keyboard for handheld device, as shown and described.

**DESCRIPTION**

The FIGURE is a front view of a keyboard for handheld device according to the present invention wherein the broken lines are shown for illustrative purposes only and form no part of the claimed design.

**1 Claim, 1 Drawing Sheet**

(73) Assignee: **Palm, Inc.**, Sunnyvale, CA (US)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/210,774**

(22) Filed: **Aug. 4, 2004**

**Related U.S. Application Data**

(62) Division of application No. 29/177,910, filed on Mar. 17, 2003, now abandoned.

(51) **LOC (8) Cl.** ..... **14-02**

(52) **U.S. Cl.** ..... **D14/392**

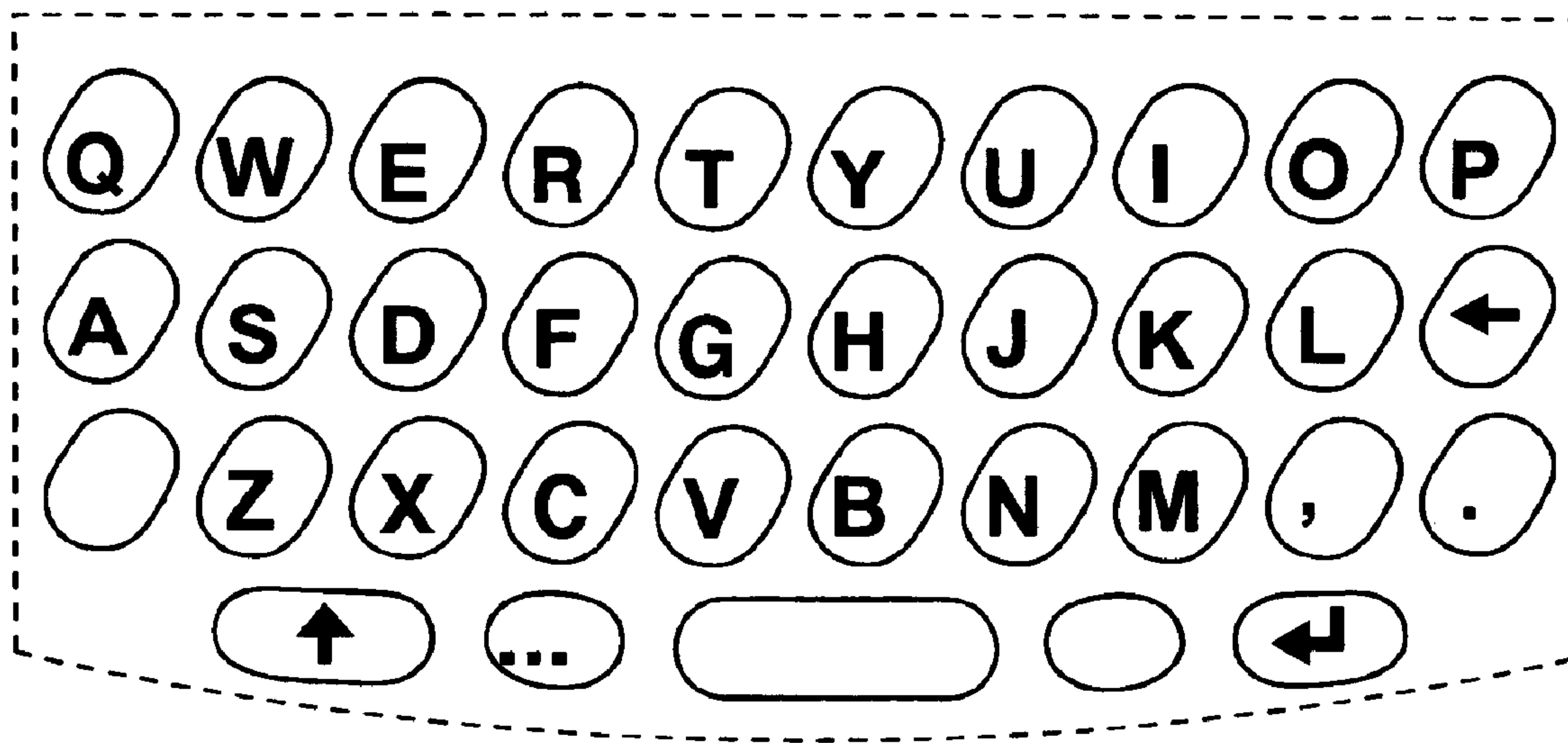
(58) **Field of Classification Search** ..... D14/391, D14/392, 338, 396, 398, 399; D18/1, 2, 7; 200/5 A, 5 R, 6 A, 6 R; 235/145 A, 145 R; 341/22, 23; 345/160, 168; 400/484-489, 400/492; 361/680

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 4,279,021 A 7/1981 See et al.
- 4,415,065 A 11/1983 Sandstedt
- 4,587,630 A 5/1986 Straton et al.
- 4,725,694 A 2/1988 Auer et al.
- 4,887,212 A 12/1989 Zamora et al.
- 4,916,441 A 4/1990 Gombrich



U.S. PATENT DOCUMENTS

5,101,439	A	3/1992	Kiang	
5,227,614	A	7/1993	Danielson et al.	
5,334,824	A	8/1994	Martinez	
5,335,276	A	8/1994	Thompson et al.	
5,336,001	A	8/1994	Lichtenberg	
5,345,615	A	9/1994	Garofalo	
5,379,057	A	1/1995	Clough et al.	
5,392,447	A	2/1995	Schlack et al.	
5,465,401	A	11/1995	Thompson	
5,503,484	A	4/1996	Louis	
5,742,894	A	4/1998	Jambhekar et al.	
5,812,651	A	9/1998	Kaplan	
5,917,906	A	6/1999	Thornton	
5,941,648	A	8/1999	Robinson et al.	
D416,256	S	11/1999	Griffin et al.	
6,058,304	A	5/2000	Callaghan et al.	
6,256,631	B1	7/2001	Malcolm	
6,295,372	B1	9/2001	Hawkins et al.	
6,310,609	B1	10/2001	Morgenthaler	
6,370,018	B1	* 4/2002	Miller, Jr. et al.	361/680
D456,794	S	5/2002	Laverick et al.	
6,415,138	B2	7/2002	Sirola et al.	
D462,354	S	* 9/2002	Kimbire et al.	D14/392
6,452,588	B2	9/2002	Griffin et al.	
D468,714	S	1/2003	Maruska et al.	
D471,559	S	* 3/2003	De Saulles	D14/455
2002/0044136	A1	4/2002	Griffin et al.	

OTHER PUBLICATIONS

T-Mobile Products; Handhelds, Sep. 28, 2002, [online] [Retrieved on Feb. 13, 2004] Retrieved from the Internet <URL:http://www.t-mobile.com/products/default.asp?class=pda>.

T-Mobile Products; Sidekick, Sep. 28, 2002, [online] [Retrieved on Feb. 13, 2004] Retrieved from the Internet URL<http://www.t-mobile.com/products/images.asp?phoneid=195184&class=pda>.

Nokia Introduces Mobile Chat With Nokia 3310, Sep. 1, 2000 [online] [retrieved on Nov. 17, 2003], Retrieved from the Internet <URL:http://www.mobiletechnews.com/info/2000/09/01/142022.htm>.

Nokia, Frequently Asked Questions; [online], [retrieved on Nov. 17, 2003], Retrieved from the Internet <URL:http://www.nokia.co.in/nokia\_apac/india/faqs\_list/0,18778,39\_41,00.htm>.

*American Programmer*, N.Y., American Programmer, Inc. (Dec. 1991), pp. 4-33.

*At Last, Technology Harnesses [sic] One of the Most Powerful [sic] Forces known to Man.*, Foster City, GO Corporation, 1991, 14 pages.

AT&T New Release, *NCR Cuts Price of 3170 Notebook Computer 11 to 19 Percent* [online]. (Mar. 8, 1993), Retrieved from the Internet: <URL:http://www.att.com/press/0393/930308.nca.html> 2 pages.

Carr, R.M., *The Point of the Pen*, Byte (Feb. 1991, Reprinted), 10 pages.

Cullen, A., *Connecting With Your EO Cellular Module*, Mountain View, EO, Inc., 1992, 1993, pp. ii-33.

Cullen, A., *Getting Started With Your EO Personal Communicator*, Mountain View, EO, Inc., 1992, 1993, pp. ii-74.

Cullen, A., *Lookup Guide to the EO Personal Communicator*, Mountain View, EO, Inc., 1992, 1993, pp. ii-320.

*Go Corporation Information Statement*, (Nov. 8, 1993), 114 pages.

*IBM Selects Racotek Data/Voice Communications Services to Interface With Touchmobile Product*, PR Newswire (Jan. 25, 1993), 2 pages.

*IBM TouchMobile Information and Planning Guide, International Business Machines Incorporated* (Mar. 1993), 20 pages.

*IBM TouchMobile Solution for Data Capture and Communication, Keeping Your Business Moving in the 90s, International Business Machines Incorporated* (Jan. 1993), 13 pages.

*IBM's TouchMobile Helps Field Workers Collect Data at the Touch of a Finger*, PR Newswire (Jan. 26, 1993), 2 pages.

MacNeill, D., *Messaging Card and NewtonMail: We Pick Up and Deliver*, On The Go Magazine [online]. (Oct. 13, 1993), Retrieved from the Internet: <URL:http://www.pencomputing.com/Newton/NewtonNotes2.html> 2 pages.

MacNeill, D., *Wireless Newton Technology Goes to Work, On The Go Magazine* [online]. (Sep. 8, 1993), Retrieved from the Internet: <URL:http://www.pencomputing.com/Newton/NewtonNotes1.html >2 pages.

Maki, K., *The AT&T EO Travel Guide*, N.Y., John Wiley & Sons, Inc., 1993, pp. iii-555.

Schlender, B. R., *Hot New PCs That Read Your Writing*, Fortune (Feb. 11, 1991, Reprinted), 6 pages.

Stock, R., *The World of Messaging An Introduction to Personal Communications*, Mountain View, EO, Inc., 1992, 1993, pp. ii-69.

\* cited by examiner



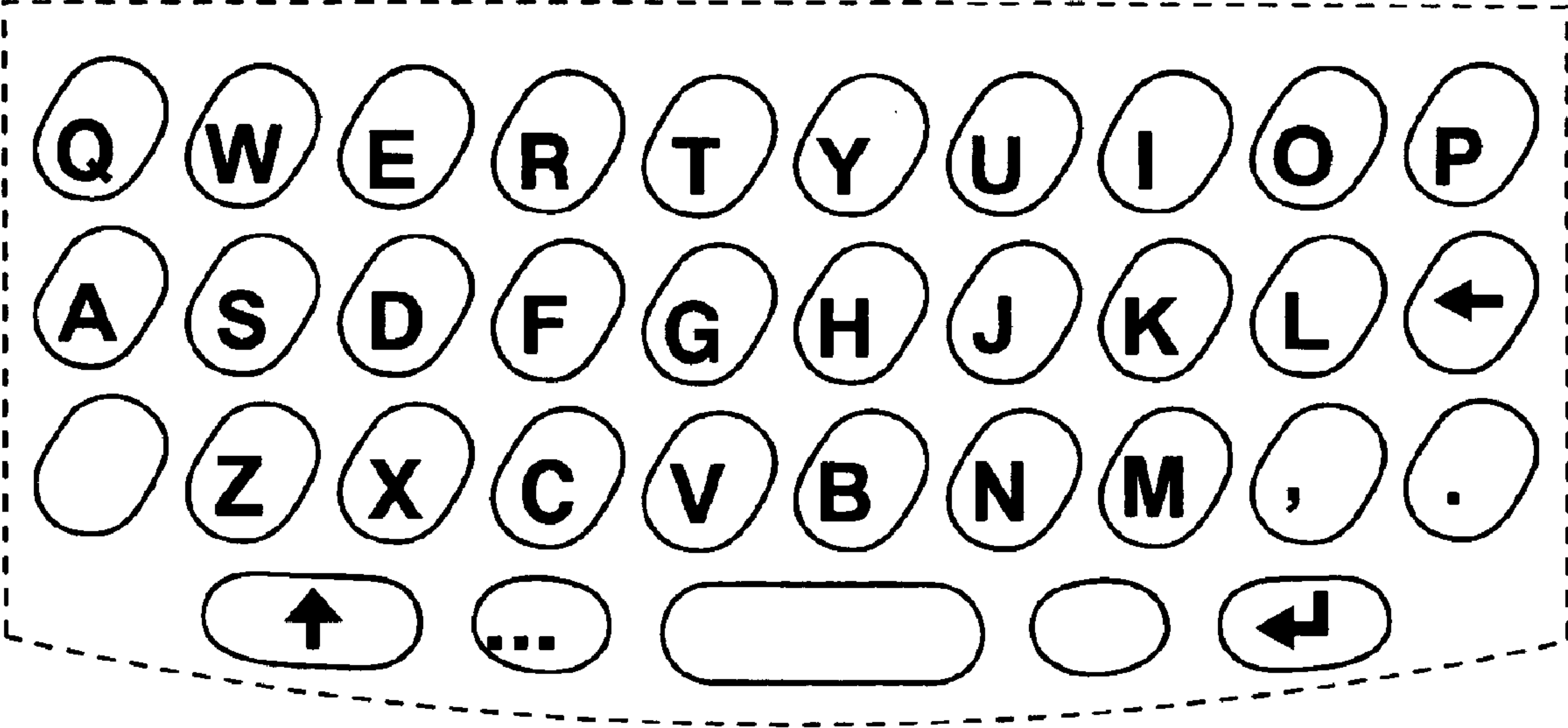


FIG. 1